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8-24-16  
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**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA**

Order Instituting Rulemaking to Continue Implementation and Administration, and Consider Further Development, of California Renewables Portfolio Standard Program.

Rulemaking 15-02-020  
(Filed February 26, 2015)

**ADMINISTRATIVE LAW JUDGE'S RULING ACCEPTING INTO  
THE RECORD 2016 RPS PORTFOLIOS FOR  
GENERATION AND TRANSMISSION PLANNING**

**Background**

As part of the ongoing work of planning for California's energy future, Energy Division staff, with input from parties in the relevant proceedings, develop "renewables portfolio standard (RPS)<sup>1</sup> portfolios" for use in the Commission's integrated resource planning/long-term procurement planning proceeding (IRP/LTPP)<sup>2</sup> and the Transmission Planning Process of the California Independent System Operator (CAISO).

After work by staff and parties in this proceeding and R.13-12-010 (prior LTPP), Energy Division staff prepared draft RPS portfolios that were entered into the record of this proceeding by the Administrative Law Judge's Ruling accepting into the record Energy Division Staff Paper on Draft 2016 RPS

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<sup>1</sup> The RPS is currently codified at Pub. Util. Code §§ 399.11-399.32.

<sup>2</sup> The current IRP/LTPP proceeding is Rulemaking (R.) 16-02-007.

Portfolios for Generation and Transmission Planning (March 14, 2016). The Staff Paper included draft versions of four of the five final RPS portfolios, along with additional draft RPS portfolios. Following a review of comments submitted by parties to this proceeding, as well as a review of comments submitted by parties to R.13-12-010 in response to the ruling entering the draft Assumptions and Scenarios (A&S) document into that proceeding,<sup>3</sup> staff revised both the draft A&S document and the corresponding draft RPS portfolios. Staff also generated one additional RPS portfolio that was not among the draft RPS portfolios (the interregional portfolio).<sup>4</sup>

### **The RPS Portfolios**

An RPS portfolio is a list of existing and potential RPS-eligible renewable energy resources that deliver sufficient energy to satisfy a particular overall RPS procurement requirement target in a specified year. For example, a “50% by 2030” RPS portfolio consists of a set of resources that deliver sufficient energy to achieve a 50% RPS target by the year 2030. RPS portfolios are used as inputs for power system modeling activities conducted to inform generation and transmission planning both at the Commission and at other agencies, including the CAISO.

The final 2016 RPS portfolios were generated according to the specifications listed in the final A&S document. There are five final 2016 RPS

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<sup>3</sup> Administrative Law Judge’s Ruling Seeking Comment on Assumptions and Scenarios For Use in the California Independent System Operator’s 2016-17 Transmission Planning Process, and Future Commission Proceedings (February 8, 2016).

<sup>4</sup> The final A&S document provides the rationale for each specified RPS portfolio and the modeling scenario it informs.

portfolios corresponding to the five portfolios specified in the final A&S document:<sup>5</sup>

- Default
- Energy-Only
- Out-of-State Wind
- Mid-AAEE (lower energy efficiency)
- Interregional.

The final 2016 RPS portfolios were generated by staff using RPS Calculator 6.2, which is available on the RPS Calculator home page ([http://www.cpuc.ca.gov/RPS\\_Calculator/](http://www.cpuc.ca.gov/RPS_Calculator/)). The portfolios themselves are also posted on the RPS Calculator home page. The portfolios are available in two formats: Excel format (XLSX); and comma-separated value format (CSV), which consists of the raw portfolio data with no built-in charts, but can be loaded into the RPS Calculator for more complete review and analysis.

- The [.xlsx portfolios](#) are stand-alone files that include the raw portfolio data on one tab as well as summary data and charts on separate tabs. The .xlsx files can be viewed without the RPS Calculator.
- The [.csv portfolios](#) contain the raw portfolio data only. Use RPS Calculator 6.2 FINAL to load the [.csv portfolios](#) for review and analysis. It is not possible to load the final 2016 portfolios with previous versions of the RPS Calculator.

A summary of the portfolio results is also posted to the RPS Calculator page.

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<sup>5</sup> The A&S document also specifies an additional “33% RPS” portfolio, but that portfolio was generated using a previous version of the RPS Calculator and is not included here.

Since the process of developing the 2016 RPS portfolios is now complete, the final 2016 RPS portfolios should be accepted into the record of this proceeding.

**IT IS RULED** that the Final 2016 RPS Portfolios, which may be accessed on the Commission's web site at [http://www.cpuc.ca.gov/RPS\\_Calculator/](http://www.cpuc.ca.gov/RPS_Calculator/), are accepted into the record of this proceeding.

Dated August 24, 2016, at San Francisco, California.

/s/ ANNE E. SIMON  
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Anne E. Simon  
Administrative Law Judge